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SAPC-4872 ✓
Copy 2 of 10

MEMORANDUM FOR: Intelligence Requirements Officer

24 April 1956

SUBJECT : Ground Exploitation Equipment for Systems #1, #3 and #4

REFERENCES : A. Memorandum for: CIA ELINT Staff Officer, dated 16 Apr 56
25X1A Same Subject, from [REDACTED] - SAPC-5140 (TS-143293)
B. Memorandum for: Director of Operations and Intelligence Requirements Officer, Subj: Planning of Intelligence Utilization and Intelligence Support, fm. Project Director

1. Reference A describes the various kinds of exploitation equipment that will be required for the duplication, play-back and analysis of the raw intelligence take of electronic systems #1, #3 and #4. It also sets forth the number of each item that will be required and gives estimates of the cost of such equipment. This is a most helpful summary. Before proceeding to place firm orders for all of the items of equipment therein enumerated, however, I wish to have more complete information as to the basis on which the requirements for this equipment have been computed.

25X1A 2. Referring specifically to paragraph 9. of reference A, I am aware of the basis for the requirement of five (5) duping equipments. It is my understanding that this number is to allow one for each of the three overseas bases plus one at [REDACTED] plus one in Washington. In view of the fact that the [REDACTED] unit will also serve as a spare, this number would seem to be an irreducible minimum.

25X1A 3. I am also aware of the basis of the requirement for sixteen (16) play-back units as set forth in [REDACTED] memorandum (SAPC-4915) of 2 April. I am not clear, however, that this requirement has been reviewed in the Requirements Committee nor am I convinced that this is a minimum requirement.

4. I am much less clear about the basis of the requirement for thirteen (13) event indicators, thirteen (13) PRF indicators, and the nine (9) frequency indicators.

5. The above comments may be summarized as follows referring again to paragraph 9 of Reference A:

a. The requirement for duping equipments (items a. & b. par. 9) may be taken as firmly established.

SECRET

SECRET

-2-

b. The requirement for system #4 play-back units and information calculators (items g. and h. par. 9) cannot yet be established.

c. The requirements for the other items listed (items c.d.e. and f. of par. 9) need to be firmly established before firm contracts are placed.

6. In order firmly to establish these requirements I would like to have the following information with respect to each item of equipment.

a. The proposed distribution of equipments to AQUATONE units and to consumers.

b. By reference to the description contained in Reference A of the function of each type of equipment, a brief statement of the need of each AQUATONE component or consumer for the equipment in question, where the character or the need is not already self-evident.

c. Where it is proposed to provide two or more units of a given type to a given user, an explanation of this need which presumably will be in terms of the anticipated volume of material to be processed.

When assembled in this form, this requirement should be reviewed in the Intelligence Requirements Committee to ensure that we are dealing with firm requirements as expressed by the consuming agencies that will be the recipients of most of the equipment to be procured. With respect to items to be provided to AQUATONE components, the Director of Operations should be asked to submit a brief justification indicating the proposed operational use of this equipment and of the raw intelligence it will provide to the Detachment Commanders.

7. The tidy and careful statement of requirements I am here requesting seems to me to be called for not only because of the substantial sum proposed to be spent for this exploitation equipment but also because a very considerable part of the equipment will be turned over to other agencies and it is not self-evident that these consumer agencies could not buy it themselves. With this point in mind, I must also request that you prepare in consultation with the Contracting Officer, a brief memorandum to the Director to be submitted along with documentation requesting his approval of the purchase contract which will explain and justify the use of Agency funds to purchase this equipment.

8. I would point out that the statement of requirements here requested, together with this memorandum on Agency financing will fulfill the request

SECRET

SECRET

-3-

contained in paragraph 3.c. of Reference B (TB-143293) so far as ELINT and VHF intelligence are concerned.

RICHARD M. BISSELL, JR.
Project Director

RMB:djm

- 1-Intelligence Requirements Offr.
- ✓ 2-RMB Chrono
- 3-RMB Follow-Up
- 4-Dep. Pro. Dir.
- 5-Director of Ops
- 6-Contracting Officer
- 7-Project Comptroller
- 8- [REDACTED]
- 9-Project Chrono
- 10-Project Reading

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